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MUNICIPAL WATER FACILITIES. INVENTORY AS OF JANUARY 1, 1958. ARIZONA. A COOPERATIVE STATE-FEDERAL REPORT. ROBERT A. TAFT SANITARY ENGINEERING CENTER, CINCINNATI, OHIO. 11P. 1958.

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MUNICIPAL WATER FACILITIES. INVENTORY AS OF JANUARY 1, 1958. ARIZONA. A COOPERATIVE STATE-FEDERAL REPORT

Robert A. Taft Sanitary Engineering Center
Cincinnati, Ohio

1958

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MUNICIPAL WATER FACILITIES

Inventory as of January 1, 1950

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State - Federal Report

U.S. DEPARTMENT OF COMMERCE, SECRETARY CHARLES SAWYER
PUBLIC HEALTH SERVICE

NOTES REGARDING TABULATIONS

GENERAL

This volume is one of nine which, taken together, comprise an inventory of public water supply facilities in the United States as of January 1, 1958. The listing includes all facilities serving places having a 1950 population of 100 or more which have been reported by the respective State Departments of Health. In a few States, places smaller than this size have been reported, and in one or two others the minimum size has been somewhat greater. The listing is alphabetic by name of place within the State. At the end of each State listing there appear the names of all places having a 1950 population of 100 or more but which were not reported as having a community water supply. Persons desiring more detailed information about water supply facilities in the larger communities are referred to PHS Publication No. 661, Municipal Water Facilities Communities of 25,000 Population and Over--Continental United States and Territorial Possessions--As of January 1, 1958. The data on these larger communities in this volume are extracted from that publication.

The purpose of this inventory is to furnish up-to-date information on all water facilities for the use of industries and other private agencies and all levels of government. The Public Health Service will assist in making this material more useful through the publication of special papers based on statistical analysis of the data.

In the following discussion, each individual item listed is defined as an "entry." An "x" in the listing indicates that the data requested were unknown. A dash, "-" signifies the item does not apply. A triangle "△" shows information was not supplied.

Detailed Notes for Columns

Column 1 - Community or District

Entries marked with a star have facilities which serve one or more additional communities.

Column 2 - 1950 Population, Estimated Population Served

Top-line Entry - 1950 population (U. S. Bureau of the Census where available).
Bottom-line Entry - estimated total number of people served by the facility. Data in parentheses indicate population served by some other facility.

Column 3 - Year Operation Started

Top-line Entry - Present Supply . . . the year the present source of supply was put into service, or the latest year during which a new or additional source was developed.
Bottom-line Entry - Present Treatment Plant . . . the year the present treatment plant was put into operation, or the date of the latest major revision or addition.

Column 4 - Ownership

M - Public (Federal, State, county, municipal, district, etc.)
P - Private (private corporations, companies, etc.)

Column 5 - Number of Services, Number of Meters

Top-line Entry - Number of accounts served by the facility.
Bottom-line Entry - Number of meters used in the water system.

Column 6 - Laboratory Control

Refers to control by a plant laboratory, not to samples analyzed elsewhere.
C - Chemical (other than chlorine residual)
B - Bacteriological
N - None

Column 7 - Source of Supply

The source or sources from which water is obtained. Specific lakes or streams are named when possible.

Column 8 - Safe Yield, Impounded (Surface) Maximum Dependable Draft, (Ground)

Top-line Entry - Safe Yield, Surface, the maximum safe daily yield which can be secured from the source of water supply based on the driest period of record.

Bottom-line Entry - Maximum Dependable Draft, Ground Water, the maximum dependable 24-hour draft of a well field or fields, or other ground source, which can be sustained for a period of high demand through five days. (Number of wells now in use may have no bearing on this figure.)

The designation "Unl." signifies a relatively large or unlimited supply.

Column 9 - Rated Plant Capacity and Average Plant Output

Top-line Entry - Rated Capacity, the maximum rated daily capacity on the basis of filters, pumps, or other limiting factor.

Bottom-line Entry - Average, the average daily output of the facility.

Column 10 - Treatment

Where the treatment is at all extensive, one or more symbols identifying the general type or function of the plant precede those used to identify the particular treatment plant or method. In general, a plant is not classified as a "purification plant" unless filters having fine granular material (sand or anthracite) are used.

Principal treatment features, identified by capitalized letters, are further described by lower case letters following them. In general, the symbols are arranged in the order in which treatment occurs. Combination units performing more than one function in a single structure are denoted by enclosing the appropriate symbols in parentheses. Enclosures in brackets indicate parallel or alternate operation.

Treatment methods are coded as follows:

Type of Plant

P - Purification
H - Softening
I - Iron or Manganese removal

Treatment or Device

A - Aeration
- Ac ..contact beds or trays, coke or other material
- Am..patented aerator
- As ..spray aerator
- At...overflow trays cascade or other splash aerator
- Ao ..other type aerator

C - Chemical dosage for coagulation or softening
- Ca ..alum
- Ci...iron salts
- Cl...lime
- Cs ..soda ash
- Ct...activated silica
- Co ..other coagulant

D - Disinfection
- Dc ..chlorine gas
- Dd ..dechlorination
- Dh ..hypochlorites
- Ds ..free residual chlorine
- Dx ..chlorine dioxide
- Dz ..ozone
- Do ..Other means

F - Filters
- Fa ..anthrafilt
- Fc ..roughing or contact
- Fd ..diatomaceous earth
- Fg ..gravity (slow)
- Fp ..pressure
- Fr ..gravity (rapid)
- Fs ..sand
- Fz ..zeolite

K - Chemical dosage for corrosion correction or water stabilization
- Kc ..phosphate compounds
- Kg ..chlorine gas
- Kh ..hypochlorite
- Ko ..sodium silicate
- Kp ..alkali feed for pH adjustment

M - Mixing device or tank
- Ma ..air agitation
- Mb ..baffle mix
- Mh ..hydraulic (standing wave flume)
- Mi ..injection or pump suction
- Mp ..slow mechanical mix
- Ms ..patented sludge blanket
- Mt ..rapid mechanical mix
- (MtpsSv)..."Liquon Reactor"; "Accelator"; or "Precipitator"

Treatment or Device (continued)

N - Ammoniation
- Nc ..ammonium compound
- Ng ..ammonia gas

R - Recarbonation

S - Sedimentation
- Sb...basins, baffled (other than inlet or outlet)
- Sc...covered basins (other than housed)
- Sm ..mechanical sludge removal
- So...open basin (may be in plant building)
- Sv...upflow cylindrical tanks
- (MtpsSv) .."Liquon Reactor"; "Accelator"; or "Precipitator"

T - Chemical taste and odor control
- Tc ..activated carbon
- Td ..chlorine dioxide
- Ts ..sulfur dioxide
- Tz ..ozone
- To ..other

V - Fluoride adjustment
- Va ..hydrofluosilicic acid
- Vs ..sodium silicofluoride
- Vt...sodium fluoride
- Ve ..ammonium silicofluoride
- Vo ..other fluorides
- -V ...fluoride reduction
- $V_{1.2}$ - 1.2 ppm natural fluoride

Column 11 - Distribution Storage

Top-line Entry - Pumped to Mains..storage of finished water in the distribution system area that must be pumped into mains (clearwells, underground or low level storage, etc.)

Bottom-line Entry - Elevated..storage of finished water in the distribution system area that will flow into mains by gravity (elevated tanks, standpipes, high level reservoirs, etc.).

Water storage in impounding reservoirs or balancing reservoirs on long supply conduits not included.

Column 12 - Improvements Needed

Improvements currently needed to provide adequate service. The following codes are used:

- N - None
- U - Source, underground
- S - Source, surface
- M - Transmission
- P - Pumping
- T - Treatment
- G - Ground storage
- L - Elevated storage
- D - Distribution system
- O - Other

INVENTORY OF MUNICIPAL WATER FACILITIES

STATE: ARIZONA | DATE: Jan. 1, 1958 | PAGE: 1 of 5

COMMUNITY	1950 Population: Estimated Population Served	Year Oper. Started: Present Supply	Year Oper. Started: Present Treatment Plant	OWNERSHIP	Number of Services: Number of Meters	LAB CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded: Maximum Dependable Draft (Or water) MGD	Rated Plant Capacity: Average Plant Output MGD	TREATMENT	Dist Storage: Pumps to Mains	Dist Storage: Gravity to Mains MG	IMPROVEMENTS NEEDED	LINE NO
1	2	3	4	5	6	7	8	9	10	11			12	
AGUILA	120	Δ	P	Δ	Δ	Ground	-	-	None	Δ		Δ		1
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
AJO	5,817	1916	P	1,500	Δ	Mine and 4 wells	-	8.500	Dc V 4.30	Δ		Δ		2
	8,200	Δ	-	1,500	-	-	Δ	0.800	-	1.500		-		
ALPINE	300	1939	M	50	N	3 springs	-	-	None	0.065		Δ		3
	200	-	-	0	-	-	0.060	Δ	-	Δ		-		
APACHE JUNCTION	200	Δ	P	300	N	6 wells	-	-	None (V 1.50)	Δ		Δ		4
Source # 1	1,000	-	-	300	-	-	Δ	Δ	-	0.040		-		
APACHE JUNCTION	-	Δ	P	98	N	2 wells	-	-	None (V 1.20)	0.004		Δ		5
Source # 2	400	-	-	98	-	-	Δ	Δ	-	Δ		-		
ASHFORK	681	1925	P	200	N	2 wells	-	0.840	Dh V 0.20	Δ		Δ		6
	1,000	Δ	-	200	-	-	Δ	0.025	-	0.050		-		
AVONDALE	2,505	1943	M	804	N	3 wells	-	-	None (V 0.30)	0.031		Δ		7
Source # 1	3,500	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
AVONDALE	-	Δ	Δ	0	N	2 wells	-	-	None	Δ		Δ		8
Source # 2	1,800	-	-	0	-	-	Δ	Δ	-	0.050		-		
BAGDAD	800	Δ	P	500	N	Burro Creek	Δ	0.360	Dh V 0.30	Δ		Δ		9
	1,800	Δ	-	0	-	-	-	Δ	-	0.755		-		
BENSON	1,440	Δ	M	541	N	3 wells	-	-	None (V 2.24)	0.800		Δ		10
Source # 1	2,000	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
BENSON	-	Δ	P	48	N	Well	-	-	None (V 0.40)	0.020		Δ		11
Source # 2	493	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
BISBEE	3,801	1945	P	3,227	N	3 wells	-	2.000	Dc V 0.25	1.000		Δ		12
	13,200	Δ	-	Δ	-	-	2.000	0.500	-	1.250		-		
BOWIE	600	1945	P	150	N	Well	-	-	None	Δ		Δ		13
	700	-	-	Δ	-	-	Δ	Δ	-	0.010		-		
BUCKEYE	1,932	1943	M	615	N	7 wells	-	-	None (V 1.85)	0.300		Δ		14
Source # 1	2,300	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
BUCKEYE	-	Δ	P	200	N	3 wells	-	-	None	Δ		Δ		15
Source # 2	600	-	-	200	-	-	Δ	Δ	-	0.010		-		
BULLHEAD CITY	250	1948	P	68	N	Well	-	-	None (V 0.40)	Δ		Δ		16
	200	-	-	Δ	-	-	Δ	Δ	-	0.070		-		
CAMP VERDE	285	Δ	P	81	N	3 wells	-	-	None (V 0.06)	Δ		Δ		17
	400	-	-	81	-	-	Δ	Δ	-	0.030		-		
CASA GRANDE	4,181	Δ	P	2,150	N	4 wells	-	-	None	0.500		Δ		18
	7,500	-	-	Δ	-	-	Δ	Δ	-	0.100		-		
CAVE CREEK	250	1955	P	16	N	9 wells	-	-	None (V 0.90)	Δ		Δ		19
	300	1955	-	Δ	-	-	Δ	Δ	-	0.012		-		
CENTRAL HEIGHTS	750	Δ	P	615	N	3 wells	-	-	None (V 0.30)	Δ		Δ		20
	2,500	-	-	Δ	-	-	Δ	Δ	-	0.175		-		
CHANDLER	4,837	Δ	M	1,953	N	4 wells	-	-	None (V 0.80)	Δ		Δ		21
	6,500	-	-	Δ	-	-	Δ	Δ	-	0.100		-		
CHANDLER HEIGHTS	100	Δ	M	90	N	Well	-	-	None (V 0.30)	Δ		Δ		22
	350	-	-	Δ	-	-	Δ	Δ	-	0.030		-		
CHLORIDE	719	Δ	M	46	N	2 wells	-	-	None (V 1.20)	Δ		Δ		23
	177	-	-	Δ	-	-	Δ	Δ	-	0.008		-		
CLARKDALE	1,609	Δ	P	267	N	Haskell Springs	-	0.180	Dh V 0.20	Δ		Δ		24
	1,068	Δ	-	Δ	-	-	Δ	Δ	-	0.550		-		
CLAYPOOL	850	Δ	P	745	N	2 wells	-	0.500	Dh V 0.40	Δ		Δ		25
	3,000	Δ	-	Δ	-	-	Δ	Δ	-	0.120		-		
CLEMENCEAU	300	Δ	P	Δ	N	Well	-	-	None	Δ		Δ		26
	300	-	-	Δ	-	-	Δ	Δ	-	0.020		-		
CLIFTON	3,456	1898	P	750	N	2 wells	-	0.200	Dc V 0.80	Δ		Δ		27
	4,500	Δ	-	Δ	-	-	0.600	0.130	-	0.800		-		
COOLIDGE	4,306	Δ	P	1,784	Δ	4 wells	-	-	None (V 0.80)	Δ		Δ		28
Source # 1	6,800	-	-	Δ	-	-	Δ	Δ	-	0.600		-		
COOLIDGE	-	Δ	M	28	N	2 wells	-	2.100	Dh	Δ		Δ		29
Source # 2	1,000	Δ	-	Δ	-	-	Δ	Δ	-	0.100		-		
COTTONWOOD	1,300	Δ	P	500	N	4 wells	-	0.680	Dh V 0.20	Δ		Δ		30
	2,000	Δ	-	Δ	-	-	Δ	Δ	-	0.415		-		

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INVENTORY OF MUNICIPAL WATER FACILITIES

STATE: ARIZONA | DATE: Jan. 1, 1958 | PAGE: 2 of 5

COMMUNITY	1950 Population: Estimated Population Served	Year Oper Started: Present Supply / Present Treatment Plant	OWNERSHIP	Number of Services: Number of Meters	LAB CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded: Maximum Depend able Draft (Gr. water) MGD	Rated Plant Capacity: Average Plant Output MGD	TREATMENT	Dist Storage: Pumps to Mains / Gravity to Mains MG	IMPROVEMENTS NEEDED	LINE NO
1	2	3	4	5	6	7	8	9	10	11	12	
DOUGLAS	9,442	1911	M	3,375	N	4 wells	-	-	None (V 1.40)	Δ	Δ	1
	18,000	-	-	Δ	-	-	Δ	Δ	-	0.900	-	
DUNCAN	941	Δ	P	325	N	2 wells	-	2.900	H-DhFps V 1.60	Δ	Δ	2
	1,000	Δ	-	Δ	-	-	Δ	Δ	-	0.300	-	
EAGAR	637	Δ	P	223	N	Well and spring	-	Δ	Dh V 0.80	0.133	Δ	3
	800	Δ	-	Δ	-	-	0.086	Δ	-	Δ	-	
ELFRIDA	300	Δ	M	63	N	Well	-	-	None	0.080	Δ	4
	300	-	-	Δ	-	-	Δ	Δ	-	-	-	
ELOY	3,580	Δ	M	1,139	N	3 wells	-	-	None (V 0.40)	Δ	Δ	5
	4,500	-	-	Δ	-	-	Δ	Δ	-	0.050	-	
FLAGSTAFF Source # 1	7,663	Δ	M	2,390	Δ	2 wells	-	-	None	Δ	Δ	6
	6,000	-	-	Δ	-	-	Δ	0.250	-	Δ	-	
FLAGSTAFF Source # 2	-	Δ	M	-	C	Walnut Creek (imp.)	Δ	0.500	P-AsCaMbSoTcFrs	-	Δ	7
	6,000	1941	-	Δ	-	-	-	0.250	De V 0.10	Δ	-	
FLAGSTAFF Source # 3	-	Δ	P	50	N	Spring	-	Δ	Dh	0.055	Δ	8
	200	Δ	-	Δ	-	-	Δ	Δ	-	Δ	-	
FLORENCE	1,776	Δ	P	600	N	3 wells	-	-	None (V 1.40)	Δ	Δ	9
	2,000	-	-	Δ	-	-	Δ	Δ	-	0.055	-	
FREDONIA	400	Δ	P	157	N	5 springs	-	-	None (V 0.35)	0.065	Δ	10
	700	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
FRY	200	Δ	P	129	N	2 wells	-	-	None (V 0.15)	0.002	Δ	11
	1,100	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
GANADO	493	Δ	P	Δ	N	2 wells	-	-	None	0.850	Δ	12
	500	-	-	Δ	-	-	0.350	Δ	-	Δ	-	
GILA BEND	580	Δ	M	275	N	2 wells	-	1.400	Dh V 7.40	Δ	Δ	13
	1,500	Δ	-	Δ	-	-	Δ	Δ	-	0.325	-	
GILBERT	1,114	Δ	M	401	N	2 wells	-	-	None (0.50)	Δ	Δ	14
	1,500	-	-	Δ	-	-	Δ	Δ	-	0.050	-	
GLENDALE	8,179	1921	M	3,500	N	8 wells	-	7.000	Dh V 0.50	Δ	Δ	15
	14,000	Δ	-	3.300	-	-	Δ	Δ	-	1.200	-	
GLOBE Source # 1	6,419	Δ	M	2,000	N	10 wells	-	1.470	Dh V 0.30	Δ	Δ	16
	8,500	Δ	-	Δ	-	-	Δ	Δ	-	0.959	-	
GLOBE Source # 2		1953	P	80	N	2 wells	-	-	None (V 0.20)	Δ	Δ	17
	300	-	-	Δ	-	-	Δ	Δ	-	0.084	-	
GOODYEAR	1,254	Δ	M	258	N	2 wells	-	-	None (V 0.20)	0.000	LD	18
	1,800	-	-	Δ	-	-	Δ	Δ	-	0.000	-	
GRAND CANYON North Rim	300	Δ	M	Δ	N	2 springs	-	0.300	H-DeFps	Δ	SWP	19
	3,500	Δ	-	Δ	-	-	0.220	0.250	-	5.000	-	
GRAND CANYON South Rim	595	1932	M	Δ	Δ	3 springs	-	0.200	H-FpsDe	Δ	Δ	20
	1,200	1932	P	Δ	-	-	Δ	0.100	-	1.100	-	
GUADALUPE	646	Δ	P	286	N	3 wells	-	-	None (V 0.60)	Δ	Δ	21
	2,000	-	-	Δ	-	-	Δ	Δ	-	0.021	-	
HAYDEN	1,494	1915	P	350	N	16 wells	-	2.000	De V 2.00	Δ	Δ	22
	2,000	Δ	-	0	-	-	-	Δ	-	0.300	-	
HEBER	300	Δ	M	45	N	2 wells	-	-	None (V 0.30)	Δ	Δ	23
	300	-	-	45	-	-	Δ	Δ	-	0.025	-	
HOLBROOK	2,336	1936	M	825	N	2 wells	-	0.920	Dh V 1.00	Δ	Δ	24
	4,000	1936	-	Δ	-	-	Δ	Δ	-	0.800	-	
HUMBOLDT	450	Δ	P	Δ	Δ	Well	-	-	None	Δ	Δ	25
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
INSPIRATION	711	Δ	P	Δ	Δ	Wells	-	-	None	Δ	Δ	26
	710	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
JEROME	1,233	Δ	P	145	N	Springs	-	0.290	De V 0.10	Δ	Δ	27
	580	Δ	-	Δ	-	-	Δ	Δ	-	0.416	-	
JOSEPH CITY	350	Δ	P	55	N	2 wells	-	-	None (V 0.60)	Δ	Δ	28
	350	-	-	55	-	-	Δ	Δ	-	0.030	-	
KINGMAN	3,966	Δ	P	1,525	N	7 wells and 2 springs	-	-	None (V 0.50)	Δ	Δ	29
	5,000	-	-	Δ	-	-	Δ	Δ	-	0.825	-	
LAKESIDE Source # 1	300	1940	P	160	N	Spring and 2 wells	-	-	None (V 0.30)	Δ	Δ	30
	700	-	-	Δ	-	-	Δ	Δ	-	0.040	-	

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INVENTORY OF MUNICIPAL WATER FACILITIES

STATE: ARIZONA | DATE: Jan. 1, 1958 | PAGE: 3 of 5

COMMUNITY	1950 Population: Estimated Population Served	Year Oper Started: Present Supply / Present Treatment Plant	OWNERSHIP	Number of Services: Number of Meters	LAB CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded: Maximum Dependable Draft (Gr. water) MGD	Rated Plant Capacity: Average Plant Output MGD	TREATMENT	Dist Storage: Pumps to Mains / Gravity to Mains MG	IMPROVEMENTS NEEDED	LINE NO.
1	2	3	4	5	6	7	8	9	10	11	12	
LAKESIDE	-	Δ	P	94	N	Well	-	-	None (V 0.10)	Δ	Δ	1
Source # 2	300	-	-	94	-	-	Δ	Δ	-	0.030	-	
LITCHFIELD PARK	1,000	Δ	P	233	N	3 wells	-	-	None (V 0.60)	Δ	Δ	2
	600	-	-	233	-	-	Δ	Δ	-	0.325	-	
McNARY	1,902	Δ	P	400	N	Springs	-	Δ	Dc V 0.10	0.300	UM	3
	Δ	Δ	-	Δ	-	-	0.850	Δ	-	Δ	-	
MAMMOTH	800	Δ	P	150	N	3 wells	-	-	None (V 2.80)	0.004	Δ	4
Source # 1	600	-	-	150	-	-	Δ	Δ	-	Δ	-	
MAMMOTH	-	Δ	P	97	N	Well	-	-	None (V 3.04)	Δ	Δ	5
Source # 2	700	-	-	97	-	-	Δ	Δ	-	0.018	-	
MARANA	900	Δ	P	Δ	Δ	Well	-	Δ	None	Δ	Δ	6
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
MARICOPA	127	Δ	P	46	N	2 wells	-	14.00	Dc V 0.50	Δ	Δ	7
	250	Δ	-	46	-	-	Δ	Δ	-	0.700	-	
MARINETTE	576	Δ	P	150	N	2 wells	-	-	None (V 0.10)	Δ	Δ	8
	300	-	-	150	-	-	Δ	Δ	-	0.058	-	
MAYER	250	1911	P	50	N	3 wells	-	-	None (V 0.70)	Δ	Δ	9
Source # 1	250	-	-	Δ	-	-	Δ	Δ	-	0.100	-	
MAYER	-	Δ	P	100	N	2 wells	-	0.050	Dh V 0.08	Δ	Δ	10
Source # 2	500	Δ	-	100	-	-	Δ	Δ	-	0.080	-	
MESA	16,790	Δ	M	6,725	N	9 wells	-	-	None (V 0.30)	Δ	Δ	11
Source # 1	28,000	-	-	6,725	-	-	Δ	6.000	-	10.30	-	
MESA	-	Δ	P	290	N	6 wells	-	-	None	Δ	Δ	12
Source # 2	435	-	-	290	-	-	Δ	Δ	-	0.055	-	
MESA	-	Δ	P	303	N	2 wells	-	-	None (V 0.30)	Δ	Δ	13
Source # 3	1,000	-	-	303	-	-	Δ	Δ	-	0.035	-	
MESA	-	Δ	P	72	N	Well	-	0.700	Dh V 0.70	0.002	Δ	14
Source # 4	250	Δ	-	Δ	-	-	Δ	Δ	-	0.030	-	
MIAMI	4,329	Δ	P	1,282	N	5 wells	-	0.400	P-ClaSoFpXpDc	0.700	Δ	15
Source # 1	4,600	1942	-	Δ	-	-	Δ	Δ	V 0.40	0.080	-	
MIAMI	-	Δ	P	100	N	Well and mine	-	0.425	Dh	Δ	Δ	16
Source # 2	1,500	Δ	-	Δ	-	-	Δ	Δ	-	0.829	-	
MORENCI	6,541	Δ	P	1,420	N	2 mine shafts	-	1.400	Dc V 4.50	Δ	Δ	17
	5,600	Δ	-	Δ	-	and well	2.000	1.000	-	3.500	-	
NACO	300	Δ	P	82	N	Well	-	-	None (V 0.30)	0.017	Δ	18
	400	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
NOGALES	6,153	Δ	M	1,634	N	Infiltration gallery	-	0.500	HgDc V 0.30	Δ	Δ	19
	7,500	Δ	-	Δ	-	-	Δ	Δ	-	1.100	-	
ORACLE	400	Δ	P	Δ	Δ	Well	-	-	None	Δ	Δ	20
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
PARKER	1,201	1914	M	430	N	3 wells	-	-	None (V 3.00)	Δ	Δ	21
	1,500	-	-	Δ	-	-	Δ	Δ	-	0.200	-	
PATAGONIA	700	Δ	P	Δ	Δ	Well	-	-	None	Δ	Δ	22
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
PAYSON	300	Δ	P	50	N	6 wells	-	-	None (V 1.10)	Δ	Δ	23
Source # 1	200	-	-	Δ	-	-	Δ	Δ	-	0.009	-	
PAYSON	-	Δ	P	300	N	Spring	-	-	None (V 0.05)	Δ	Δ	24
Source # 2	300	-	-	Δ	-	-	Δ	Δ	-	0.005	-	
PEORIA	1,925	1946	M	550	N	3 wells	-	-	None (V 0.15)	0.001	Δ	25
	5,000	-	-	550	-	-	Δ	Δ	-	0.025	-	
* PHOENIX	107,108	1921	M	40,352	C	Infiltration gallery	-	104.0	Dc	Δ	Δ	26
Source # 1	63,000	1957	-	64,900	R	and 22 wells	20.000	11.14	-	95.00	-	
* PHOENIX	-	Δ	M	Δ	C	Verde River	117.76	99.00	P-SmDcCaTcMtSaFrs	Δ	Δ	27
Source # 2	127,000	Δ	-	Δ	B	-	-	22.70	-	Δ	-	
* PHOENIX	-	1955	M	Δ	C	Salt River	Δ	30.00	P-SmDcCaTcMtSaFrs	Δ	Δ	28
Source # 3	70,000	1955	-	Δ	R	-	-	12.55	-	Δ	-	
PIMA	824	Δ	P	334	N	4 wells	-	-	None (V 2.10)	Δ	Δ	29
	1,200	-	-	Δ	-	-	Δ	Δ	-	0.150	-	
PINETOP	400	Δ	P	90	N	Well	-	-	None (V 0.01)	Δ	Δ	30
	360	-	-	90	-	-	Δ	Δ	-	0.053	-	

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INVENTORY OF MUNICIPAL WATER FACILITIES

STATE: ARIZONA | DATE: Jan. 1, 1958 | PAGE: 4 of 5

COMMUNITY	1950 Population / Estimated Population Served	Year Oper. Started / Present Supply / Present Treatment Plant	OWNERSHIP	Number of Services / Number of Meters	LAB. CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded: Maximum Dependable Draft (Gr. water) MGD	Rated Plant Capacity: Average Plant Output MGD	TREATMENT	Dist. Storage: Pumps to Mains / Gravity to Mains MG	IMPROVEMENTS NEEDED	LINE NO.
1	2	3	4	5	6	7	8	9	10	11	12	
POMERENE	150	Δ	M	50	N	Well	-	-	None (V 0.70)	0.050	Δ	1
	200	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
PRESCOTT	6,764	Δ	M	3,000	Δ	3 wells	-	-	None	Δ	Δ	2
	10,000	-	-	Δ	-	Banning Creek (aux.)	Δ	Δ	-	4.500	-	
QUEEN CREEK	550	1955	P	97	N	2 wells	-	-	None (V 0.15)	Δ	Δ	3
	500	1957	-	97	-	-	Δ	Δ	-	0.060	-	
* RAY	956	Δ	P	820	N	4 wells	-	2.400	Ja V 0.20	Δ	Δ	4
	3,600	Δ	-	Δ	-	-	Δ	Δ	-	0.685	-	
SACATON	584	Δ	M	Δ	-	Well	-	-	None	Δ	Δ	5
	600	-	-	0	-	-	0.720	Δ	-	0.150	-	
* SAFFORD	4,378	1937	M	2,425	N	3 wells and	-	1.500	Dc V 0.25	Δ	Δ	6
	7,500	Δ	-	Δ	-	Infiltration gallery	Δ	Δ	-	1.100	-	
ST. JOHNS Source # 1	1,469	Δ	P	375	N	2 springs	-	Δ	Dh V 1.10	0.155	Δ	7
	1,800	Δ	-	Δ	-	-	0.029	Δ	-	Δ	-	
ST. JOHNS Source # 2	-	Δ	P	Δ	N	Little Colorado River	0.043	0.043	P-SoFgsDh V 1.00	Δ	Δ	8
	1,800	Δ	-	Δ	-	-	-	Δ	-	Δ	-	
SALOME	400	Δ	-	60	N	2 wells	-	-	None (V 2.30)	Δ	Δ	9
	300	-	-	60	-	-	Δ	Δ	-	0.150	-	
SAN CARLOS	100	Δ	M	60	N	Well	-	Δ	Dh V 0.10	Δ	N	10
	350	Δ	-	0	-	-	0.430	Δ	-	0.044	-	
SAN MANUEL	2,500	Δ	P	Δ	Δ	2 wells	-	-	None	Δ	Δ	11
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
SAN SIMON	100	Δ	Δ	40	N	Well	-	-	None (V 0.30)	0.010	Δ	12
	250	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
SCOTTSDALE Source # 1	2,032	Δ	P	-	-	Phoenix	-	-	Phoenix	-	-	13
	(1,250)	-	-	-	-	-	-	-	-	-	-	
SCOTTSDALE Source # 2	-	1955	P	650	N	3 wells	-	-	None (V 0.50)	Δ	Δ	14
	1,250	1955	-	650	-	-	Δ	Δ	-	0.900	-	
SEDONA Source # 1	280	1949	P	175	N	Well	-	0.360	Dh V 0.30	0.075	Δ	15
	800	Δ	-	Δ	-	-	Δ	Δ	-	Δ	-	
SEDONA Source # 2	-	Δ	P	50	N	Well	-	-	None (V 0.05)	0.001	Δ	16
	200	-	-	50	-	-	Δ	Δ	-	0.025	-	
SELIGMAN	760	Δ	P	Δ	Δ	2 wells	-	-	None	Δ	Δ	17
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
SELLS	789	Δ	M	105	N	3 wells	-	Δ	Dc V 0.10	Δ	UFG	18
	800	Δ	-	0	-	-	0.130	Δ	-	0.105	-	
SHOW LOW Source # 1	450	Δ	M	330	N	2 wells	-	-	None (V 0.17)	Δ	Δ	19
	1,200	-	-	-	-	-	Δ	Δ	-	Δ	-	
SHOW LOW Source # 2	-	Δ	P	70	N	Well	-	-	None (V 0.10)	Δ	Δ	20
	200	-	-	Δ	-	-	Δ	Δ	-	0.005	-	
SIERRA VISTA Source # 1	2,050	Δ	P	250	Δ	3 wells	-	-	None (V 0.30)	0.013	Δ	21
	1,200	-	-	Δ	-	-	1.400	Δ	-	Δ	-	
SIERRA VISTA Source # 2	-	1956	P	320	N	2 wells	-	-	None (V 0.10)	0.070	Δ	22
	2,000	-	-	Δ	-	-	Δ	Δ	-	Δ	-	
SILVER BELL	100	Δ	P	2[illegible]	[illegible]	3 wells	-	-	None (V 0.50)	Δ	Δ	23
	1,000	-	-	[illegible]	-	-	Δ	Δ	-	0.200	-	
SNOWFLAKE	929	Δ	M	[illegible]63	N	2 wells	-	0.700	Dh V 0.10	Δ	Δ	24
	1,000	Δ	-	[illegible]	-	-	Δ	Δ	-	0.088	-	
SOMERTON Source # 1	1,825	Δ	M	110	N	2 wells	-	-	None (V 0.40)	Δ	Δ	25
	1,825	-	-	Δ	-	-	Δ	Δ	-	0.050	-	
SOMERTON Source # 2	-	Δ	M	200	N	2 wells	-	-	None	Δ	Δ	26
	350	-	-	200	-	-	Δ	Δ	-	0.080	-	
SONORA	1,821	Δ	P	-	-	Ray	-	-	Ray	-	-	27
	(Δ)	-	-	-	-	-	-	-	-	-	-	
SOUTH TUCSON	2,364	Δ	Δ	-	-	Tucson	-	-	Tucson	-	-	28
	(Δ)	-	-	-	-	-	-	-	-	-	-	
SPRINGERVILLE Source # 1	689	Δ	M	194	N	2 drilled wells	-	-	None	0.050	Δ	29
	700	-	-	Δ	-	-	0.290	Δ	-	Δ	-	
SPRINGERVILLE Source # 2	-	Δ	P	50	N	Well	-	Δ	Dh V 0.35	0.001	Δ	30
	200	Δ	-	Δ	-	-	0.110	Δ	-	Δ	-	

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INVENTORY OF MUNICIPAL WATER FACILITIES

STATE: ARIZONA | DATE: Jan. 1, 1958 | PAGE: 5 of 5

COMMUNITY	1950 Population: Estimated Population Served	Year Oper. Started: Present Supply	Present Treatment Plant	OWNERSHIP	Number of Services: Number of Meters	LAB. CONTROL	SOURCE OF SUPPLY	Safe Yield Impounded: Maximum Depend-able Draft (Gr. water) MGD	Rated Plant Capacity: Average Plant Output MGD	TREATMENT	Dist. Storage: Pumps to Mains	Gravity to Mains MG	IMPROVEMENTS NEEDED	LINE NO.
1	2	3	4	5	6	7	8	9	10	11		12		
STANFIELD	150	Δ	P	Δ	Δ	Well	-	-	None	Δ		Δ		1
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
SUNNYSLOPE	4,420	Δ	P	1,800	N	6 wells	-	-	None (V 0.50)	Δ		Δ		2
	7,000	-	-	Δ	-	-	Δ	Δ	-	0.300		-		
SUPERIOR	4,200	1935	P	1,332	N	Infiltration gallery	-	0.700	Dc V 0.40	Δ		Δ		3
	5,000	Δ	-	Δ	-	-	Δ	Δ	-	2.000		-		
TAYLOR	400	Δ	P	65	N	Well	-	-	None (V 0.10)	Δ		Δ		4
	400	-	-	65	-	-	Δ	Δ	-	0.085		-		
TEMPE Source # 1	7,684	Δ	M	3,500	N	4 wells	-	6.300	Dc V 0.30	Δ		Δ		5
	16,000	Δ	-	Δ	-	-	Δ	Δ	-	1.000		-		
TEMPE Source # 2	-	1953	P	85	N	2 wells	-	-	None (V 0.50)	Δ		Δ		6
	350	1953	-	85	-	-	Δ	Δ	-	0.003		-		
THATCHER	1,284	Δ	M	-	-	Safford	-	-	Safford	-		-		7
	(1,300)	-	-	-	-	-	-	-	-	-		-		
TOLLESON	3,042	Δ	M	600	N	2 wells	-	-	None (V 0.15)	Δ		Δ		8
	3,500	-	-	Δ	-	-	Δ	Δ	-	0.015		-		
TOMBSTONE	910	1881	M	407	N	Well and 7 springs	-	0.293	Dh V 0.80	1.100		Δ		9
	1,700	Δ	-	Δ	-	-	Δ	Δ	-	Δ		-		
* TUCSON Classification # 1	45,454	1908	M	37,159	C	18 wells	-	19.42	NgDc	31.77		N		10
	37,800	1956	-	36,787	-	-	73.470	5.800	-	2.167		-		
* TUCSON Classification # 2	-	1903	M	-	C	29 wells	-	28.90	Dc	-		N		11
	56,330	1955	-	-	-	-	-	8.800	-	-		-		
* TUCSON Classification # 3	-	1908	M	-	C	55 wells	-	28.11	Dh	-		N		12
	54,500	1955	-	-	-	-	Δ	8.500	-	-		-		
VALLEY FARMS	200	Δ	P	Δ	Δ	Well	-	-	None	Δ		Δ		13
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
WELLTON Source # 1	150	1918	P	75	N	2 wells	-	-	None (V 1.60)	Δ		Δ		14
	250	-	-	Δ	-	-	Δ	Δ	-	0.004		-		
WELLTON Source # 2	-	Δ	P	25	N	2 wells	-	-	None	0.004		Δ		15
	300	-	-	25	-	-	Δ	Δ	-	Δ		-		
WENDEN	250	Δ	M	Δ	Δ	Well	-	-	None	ε		Δ		16
	Δ	-	-	Δ	-	-	Δ	Δ	-	Δ		-		
WEST YUMA	4,741	Δ	Δ	-	-	Yuma	-	-	Yuma	-		-		17
	(Δ)	-	-	-	-	-	-	-	-	-		-		
WICKENBURG	1,736	1914	M	985	N	3 wells	-	2.940	Dc V 1.00	Δ		Δ		18
	3,500	Δ	-	985	-	-	2.940	0.650	-	0.950		-		
WILLCOX	1,866	Δ	M	380	N	2 wells	-	0.430	Dh V 2.20	0.150		Δ		19
	1,820	Δ	-	Δ	-	-	Δ	Δ	-	Δ		-		
WILLIAMS	2,152	1917	M	830	M	Surface	Δ	0.720	P-TcCaIW SoFrsDc	Δ		Δ		20
	3,000	1941	-	ε	-	-	-	0.250	V 0.07	0.380		-		
WINKLEMAN Source # 1	548	1912	P	200	N	2 wells	-	0.430	Dh V 1.00	Δ		Δ		21
	575	1955	-	200	-	-	Δ	0.070	-	0.033		-		
WINKLEMAN Source # 2	-	Δ	P	60	N	Gila River, infil.	Δ	0.380	Dh V 0.70	Δ		Δ		22
	250	Δ	-	0	-	gal. and mine shaft	Δ	Δ	-	0.002		-		
WINSLOW	6,518	Δ	P	2,075	N	4 wells	-	3.000	Dc V 0.80	Δ		Δ		23
	8,000	Δ	-	2,075	-	-	Δ	Δ	-	1.700		-		
YARNELL	300	Δ	P	162	N	4 wells	-	-	None (V 0.30)	Δ		Δ		24
	400	-	-	162	-	-	Δ	Δ	-	0.019		-		
* YUMA	9,145	Δ	P	7,300	C	Colorado River	Δ	16.00	P-CaMgSoFgrsDc V 0.50	Δ		Δ		25
	28,000	1949	-	Δ	B	-	-	Δ	-	7.000		-		
														26
														27
														28
														29
														30

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PLACES WITH NO COMMUNITY WATER SUPPLY

ARIZONA

LOCATION	1950 CEN POP
BAPCHULE ARIZ	150
BOUSE ARIZ	100
BYLAS ARIZ	636
CACTUS ARIZ	125
CASHION ARIZ	100
CENTRAL ARIZ	100
CHAMBERS ARIZ	150
CHINLE ARIZ	150
CLAYSPRINGS ARIZ	150
CONCHO ARIZ	150
CONGRESS ARIZ	150
DAVIS DAM ARIZ.	150
DENOZHATSO ARIZ.	100
DRAGOON ARIZ	200
EDEN ARIZ	215
EL MIRAGE ARIZ	1,111
FORT APACHE ARIZ	400
FORT DEFIANCE ARIZ	645
FORT HUACHUCA ARIZ	100
FORT THOMAS ARIZ	250
GADSDEN ARIZ	350
GALENA ARIZ.	200
HACKBERRY ARIZ	100
HAPPY JACK ARIZ	350
HEREFORD ARIZ	150
HIGLEY ARIZ	160
HORSE MESA ARIZ.	100
KEAMS CANYON ARIZ	150
LAVEEN ARIZ	300
LUPTON ARIZ	150
MOBILE ARIZ	300
MORRISTOWN ARIZ	250
NUTRIOSO ARIZ	200
OVERGAARD ARIZ	300
PALO VERDE ARIZ	150
PEACH SPRINGS ARIZ	129
PICACHO ARIZ	100
PIRTLEVILLE ARIZ	898
POLACCA ARIZ	600
POSTON ARIZ	100
QUARTZSITE ARIZ	200
RANDOLPH ARIZ	245
RILLITO ARIZ	250
ROCK POINT ARIZ.	100
SAHUARITA ARIZ	200
SAINT DAVID ARIZ	700
SANDERS ARIZ	250
SAWMILL ARIZ	300
SECOND MESA ARIZ	400
SKULL VALLEY ARIZ	100
SOLOMON ARIZ	753
SUPAI ARIZ	230
TIGER ARIZ.	783
TOPAWA ARIZ	304
TORTILLA FLAT ARIZ	102
TUBA CITY ARIZ	150
TUMACACORI ARIZ	160
VERNON ARIZ	100
WADDELL ARIZ	600
WHITERIVER ARIZ	200
WINDOW ROCK ARIZ	300

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